

Non-Enterprise (Project-related) OrthoImagery

Address: [http://gisdw/intranet/sdc/index.htm](http://gisdw/intranet/sdc/index.htm#External)

Spatial Data Catalog

Metadata Search and Inventory Tools:

- GIS Data Locator:** Search through all inventoried KCGIS data by Keyword, Library or Source. Includes both KC-maintained and non-KCGIS data, for vector and raster formats.
- Visual Spatial Data Catalog (Thumbnail Library):** Browse through thumbnail images of all enterprise KC-maintained, non-KCGIS, and Raster layers found in the Spatial Data Warehouse. Includes links to SDC metadata documentation.
- Image Inventory:** Supplement to SDC Raster Metadata section above, this index lists all non-enterprise project-level orthophotography from multiple sources. Includes enterprise satellite and orthoimagery mosaics cross-referenced in the SDC.
- Non-KCGIS Data Resource:** List of who we get non-KCGIS data from, current status, and selected contact information and websites for searching for additional GIS data.

KCGIS Center Intranet Spatial Data Catalog

Metadata Search and Inventory Tools

Orthoimagery and Satellite Imagery Inventory

The Orthoimagery and Satellite Imagery Inventory is a catalog of both Enterprise (Spatial Data Warehouse - SDW) and non-enterprise (i.e., project image data sets)

PLEASE NOTE: These data for internal KCGIS use only. They are not to be redistributed outside the County without the consent of the data steward indicated in the metadata

Project image data sets cataloged in the Image Inventory are available through the Project Image Library (Project_Img_Lib) accessible through KCLIB.

Project Img Lib on network

AccessData folder

Many of the image datasets overlap and have irregular extents. ArcView and ArcGIS users can add the ortho_index.shp file from the AccessData folder to identify data.

ArcGIS users can also open the read-only ortho_index.mxd or add the ortho_index.lyr to a preexisting mxd. This will preload the Hyperlink function that is more powerful than the index alone. Unfortunately the Hyperlink function does not work effectively in ArcView 3.x

ArcView 3.x users

ArcGIS users

With the ortho_index.shp file loaded, click on the Hotlink Hyperlink Tool. The extent polygons for each image data set will become highlighted in blue, depicting all the imagery sets available.

Enterprise Imagery

Enterprise imagery data sets are all found in the Plibr3 portion of the SDW. They are stored with consistent naming conventions at all four idxp tiling levels. Enterprise imagery are the large area to county-wide sets key to day-to-day GIS mapping and analysis needs.

Details about Enterprise imagery and other raster data can be found in the Spatial Data Catalog <http://www.metrokc.gov/gis/sdc>

ArcView and ArcGIS users can add imagery directly to their applications via the networked KCLIB Plibr3. Arcview 3.x users can also make use of an updated Avlmg extension to bring in tiled or mosaiced imagery.

Project image data sets are usually of limited geographic extent and/or unique application. However many provide high-resolution data for small areas. In addition they are useful for change analysis detection in areas where multiple data sets are available.

Over 60 project image datasets are accessible via individual image catalogs, each with a description, vintage, and image type. Catalog name format: 'General location description'-'four year image date'-'Type' (Pan = Panchromatic (B&W), Nat = Natural color, Cir = Color infrared, Msp - Multispectral, Shp = Pan-sharpened)

Listing of image datasets in Project_Img_Lib

Choose your dataset of interest and click on the Jump button. Each image set is linked to a descriptive metadata document. It is bookmarked to the image overview and extent overview thumbnails which may help you decide if that image will be useful for your needs. The metadata includes other useful information as well as steward contact info.

Clicking on an area of interest with the Hyperlink Tool will provide a list of the image data sets available for that location.

Example of multiple overlapping project image data sets for area of interest

The image data will display. Repeat your use of the Hotlink Hyperlink Tool to determine if other image sets are available for your area, or load directly from the image catalog list using the descriptive title for each catalog.

If you decide to load this or any other image dataset, just use the Add Data tool (either ArcView or ArcGIS) to load the image catalog from the Project_Img_Lib folder.

If you are using ArcGIS the image may load as a 'wireframe' depicting its extent. This provides you an opportunity to zoom to your area of interest prior to displaying the imagery.

To make the imagery itself appear, double click on the image catalog (dbf file) to open the 'Layer Properties' dialog, and go to the Display Tab. Click the radio button entitled 'Never show wireframe. Show raster data ...'